

SEQUENCE LISTING

<110> University of Ottawa

<120> XIAP IRES AND USES THEREOF

<130> 07891/021WO2

<150> 09/121,979

<151> 1998-07-24

<150> 09/332,319

<151> 1999-06-14

<160> 30

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 295

<212> DNA

<213> Mus musculus

<400> 1

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atgtgtttgg cattatgtga agcccaaaca ctaaaaaagg agaacaaaca aaagcgcaga    60
ctttaaact caagtgggtt ggtaatgtac gactctactg tttagaatta aaatgtgtct    120
tagttattgt gccattattt ttatgtcatc actggataat atattagtgc ttagtattcag    180
aaatagtcct tatgctttgt gttttgaagt tctaatagca atgttctctt tctagaaaag    240
gtggacaagt cctattttcc agagaagatg acttttaaca gttttgaagg aacta      295
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<210> 2

<211> 299

<212> DNA

<213> Homo sapiens

<400> 2

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ttttattctg cctgcttaaa tattactttc ctcaaaaaga gaaaacaaaa atgctagatt    60
ttactttatg acttgaatga tgggtaatg tcgaactcta gtatttagaa ttagaatgtt    120
tcttagcggg cgtgtagtta ttttatgtc ataagtggat aatttgtag ctcctataac    180
aaaagtctgt tgcttgtgtt tcacattttg gatttcctaa tataatgttc tctttttaga    240
aaaggtggac aagtcctatt ttcaagagaa gatgactttt aacagttttg aaggatcta    299
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<210> 3
 <211> 711
 <212> DNA
 <213> Homo sapiens

<400> 3

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atgacgggtt atgaagcccg gctcattact ttgggacat ggatgtactc cgtaacaaa   60
gagcagcttg caagagctgg attttatgct ataggtcaag aggataaagt acagtgttt   120
cactgtggag gagggctagc caactggaag cccaaggaag atccttggga acagcatgct   180
aaatggtatc caggttgcaa atatctgcta gaagagaagg gacatgaata tataaacaac   240
attcatttaa cccgttact tgaggagct ctggtacaaa ctaccaagaa aacaccatca   300
ctaactaaaa gaatcagtga taccatcttc cctaactcta tgctacaaga agctatacga   360
atgggatttg atttcaagga cgtaagaaa ataatggagg aaagaattca aacatctggg   420
agcaactata aaacgcttga ggttcttgtt cgagatctag tgagcgctca gaaagacact   480
acagaaaatg aattgaatca gacttcattg cagagagaaa tcagccctga agagccgcta   540
aggcgtctgc aagaggagaa gctttgtaa atctgcatgg acagatatat cgctgtgtt   600
tttattcctt gtggacatct ggtcactgtt aaacaatgtg ctgaagcagt tgacagatgt   660
cccatgtgca gcgcggttat tgatttcaag caaagagttt ttatgtctta a           711
  
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<210> 4
 <211> 236
 <212> PRT
 <213> Homo sapiens

<400> 4

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Met Thr Gly Tyr Glu Ala Arg Leu Ile Thr Phe Gly Thr Trp Met Tyr
 1         5         10        15
Ser Val Asn Lys Glu Gln Leu Ala Arg Ala Gly Phe Tyr Ala Ile Gly
      20        25        30
Gln Glu Asp Lys Val Gln Cys Phe His Cys Gly Gly Gly Leu Ala Asn
    35        40        45
Trp Lys Pro Lys Glu Asp Pro Trp Glu Gln His Ala Lys Trp Tyr Pro
    50        55        60
Gly Cys Lys Tyr Leu Leu Glu Glu Lys Gly His Glu Tyr Ile Asn Asn
   65        70        75        80
Ile His Leu Thr Arg Ser Leu Glu Gly Ala Leu Val Gln Thr Thr Lys
      85        90        95
Lys Thr Pro Ser Leu Thr Lys Arg Ile Ser Asp Thr Ile Phe Pro Asn
    100       105       110
Pro Met Leu Gln Glu Ala Ile Arg Met Gly Phe Asp Phe Lys Asp Val
    115       120       125
Lys Lys Ile Met Glu Glu Arg Ile Gln Thr Ser Gly Ser Asn Tyr Lys
    130       135       140
  
```


cgaccgctaa gaaac 15

<210> 9
<211> 15
<212> RNA
<213> Homo sapiens

<400> 9

cgaccgcuaa gaaac 15

<210> 10
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (1)...(1)
<223> Wild-type polypyrimidine tract.

<400> 10

uguucucuuu uu 12

<210> 11
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (1)...(12)
<223> Positions 1 and 3-12 are mutated.

<400> 11

agaagagaaa aa 12

<210> 12
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation

<222> (1)...(12)

<223> Positions 1-2, 7, and 8-12 are mutated.

<400> 12

cuuucuuucc cc

12

<210> 13

<211> 12

<212> RNA

<213> Homo sapiens

<220>

<221> variation

<222> (1)...(2)

<223> Positions 1-2 are mutated.

<400> 13

aaucucuuu uu

12

<210> 14

<211> 12

<212> RNA

<213> Homo sapiens

<220>

<221> variation

<222> (3)...(4)

<223> Positions 3-4 are mutated.

<400> 14

ugaacucuuu uu

12

<210> 15

<211> 12

<212> RNA

<213> Homo sapiens

<220>

<221> variation

<222> (5)...(6)

<223> Positions 5-6 are mutated.

<400> 15

uguuaacuuu uu 12

<210> 16
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (7)...(8)
<223> Positions 7-8 are mutated.

<400> 16
uguucuaauu uu 12

<210> 17
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (9)...(10)
<223> Positions 9-10 are mutated.

<400> 17
uguucucuaa uu 12

<210> 18
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (11)...(12)
<223> Positions 11-12 are mutated.

<400> 18
uguucucuuu aa 12

<210> 19
<211> 268

<212> DNA

<213> Homo sapiens

<400> 19

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tattctgcct gcttaaatat tactttcctc aaaaagagaa aacaaaaatg ctagatttta    60
ctttatgact tgaatgatgt ggtaatgtcg aactctagta tttagaatta gaatgtttct    120
tagcggtcgt gtagttattt ttatgtcata agtggataat ttgtagctc ctataacaaa    180
agtctgttgc ttgtgttcca cattttggat ttctaatat aatgttctct ttttagaaaa    240
ggtggacaag tcctattttc aagagaag                                     268
```

<210> 20

<211> 267

<212> DNA

<213> Mus musculus

<400> 20

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atgtgtttgg cattatgtga agcccaaaca ctaaaaaagg agaacaaaca aaagcgcaga    60
ctttaaact caagtggttt ggtaatgtac gactctactg tttagaatta aaatgtgtct    120
tagttattgt gccattattt ttatgtcatc actggataat atattagtgc ttagtatcag    180
aaatagtcct tatgctttgt gttttgaagt tcctaataat atgttctctt tctagaaaag    240
gtggacaagt cctattttcc agagaag                                     267
```

<210> 21

<211> 163

<212> DNA

<213> Homo sapiens

<400> 21

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aattagaatg ttcttagcgc gtcgtgtagt tatttttatg tcataagtgg ataattgtt    60
agctectata acaaaagtct gttgcttggt ttacacattt tggatttcct aatataatgt    120
tctcttttta gaaaagggtgg acaagtccta tttcaagag aag                                     163
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<210> 22

<211> 162

<212> DNA

<213> Mus musculus

<400> 22

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aattaaatg tgtcttagtt attgtgcat tatttttatg tcatcactgg ataatatatt    60
agtcttagt atcagaaata gtccttatgc ttgtgtttt gaagttccta atgcaatgtt    120
ctctttctag aaaagggtgga caagtcctat ttccagaga ag                                     162
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<210> 23

<211> 103
<212> DNA
<213> Homo sapiens

<400> 23

agctcctata acaaaagtct gttgcttggtg ttccacattt tggatttcct aatataatgt 60
tctcttttta gaaaaggtgg acaagtccta tttcaagag aag 103

<210> 24
<211> 102
<212> DNA
<213> Mus musculus

<400> 24

agtgcctagt atcagaaata gtccttatgc ttgtgtttt gaagttccta atgcaatgtt 60
ctctttctag aaaaggtgga caagtcctat ttccagaga ag 102

<210> 25
<211> 83
<212> DNA
<213> Homo sapiens

<400> 25

gttgcttggtg ttccacattt tggatttcct aatataatgt tctcttttta gaaaaggtgg 60
acaagtccta tttcaagag aag 83

<210> 26
<211> 83
<212> DNA
<213> Mus musculus

<400> 26

agtccttatg ctttgtgttt tgaagttcct aatgcaatgt tctctttcta gaaaaggtgg 60
acaagtccta tttccagag aag 83

<210> 27
<211> 129
<212> DNA
<213> Homo sapiens

<400> 27

aattagaatg ttcttagcgg gtcgtgtagt tatttttatg tcataagtgg ataattgtt 60
agctcctata acaaaagtct gttgcttggtg ttccacattt tggatttcct aatataatgt 120

tctcttttt

129

<210> 28

<211> 128

<212> DNA

<213> Mus musculus

<400> 28

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aattaaaatg tgtcttagtt attgtgcat ttttttatg tcatcactgg ataatatatt 60
agtgcctagt atcagaaata gtccttatgc tttgtgttt gaagttccta atgcaatgtt 120
ctctttct                                     128
```

<210> 29

<211> 234

<212> DNA

<213> Homo sapiens

<400> 29

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tattctgect gcttaaatat tactttctc aaaaagagaa acaaaaaatg ctagatttta 60
ctttatgact tgaatgatgt ggtaatgtcg aactctagta tttagaatta gaatgtttct 120
tagcggtcgt gtagttattt ttatgtcata agtggataat ttgtagctc ctataacaaa 180
agtctgttgc ttgtgtttca cattttggat ttctaatat aatgttctct tttt      234
```

<210> 30

<211> 233

<212> DNA

<213> Mus musculus

<400> 30

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atgtgtttgg cattatgtga agcccaaaca ctaaaaaagg agaacaacaa aaagcgcaga 60
ctttaaact caagtgggtt ggtaatgtac gactctactg tttagaatta aaatgtgtct 120
tagttattgt gccattattt ttatgtcatc actggataat atattagtgc ttagtattcag 180
aaatagtcct tatgctttgt gttttgaagt tcctaatgca atgttctctt tct      233
```